

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2011 Levee Inspection Results

Reclamation District No. 2031 Elliot

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 2031 Elliot

Waterway	Bank	Unit Miles
Unit No. 01 Stanislaus River	Left	7.15

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/10/2011 - 5/10/2011			
DWR Inspector	Jim Eto			
Accompanied By	Bob Buckmaster			
	Billy Lyons			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2031 Elliot

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Stanislaus River						Left	7.15	05/10/2011 05/10/2011	Jim Eto

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.07	Earthen Levee	Encroachments	WS PO	Fences	Inspector Comments: Wooden and steel livestock fence and debris limit access to slope.	37.710001 ° -121.155391 °	37.709871 ° -121.156568 °	963 Y
2	0.06	0.42	Earthen Levee	Encroachments	LS C	Crops	Inspector Comments: Crops encroach on to levee slope.	37.709793 ° -121.156592 °	37.705006 ° -121.158551 °	3
3	0.33	0.33	Earthen Levee	Trim / Thin Trees	WS M	Trim trees to at least five feet above ground level.	Inspector Comments: Fallen tree limb onto crown.	37.706256 ° -121.157803 °	37.706256 ° -121.157803 °	5
4	0.35	0.46	Earthen Levee	Encroachments	WS PO	Fences		37.706098 ° -121.157916 °	37.704697 ° -121.158914 °	7 Y
5	0.40	0.40	Earthen Levee	Crown Surface / Depressions / Rutting	CR C	Regrade the crown roadway for proper drainage.	Inspector Comments: Repair attempted but road surface contains numerous potholes.	37.705398 ° -121.158288 °	37.705398 ° -121.158288 °	966
6	0.46	0.47	Earthen Levee	Vegetation	WS M	Control annual grass and weeds on the levee slopes and easements.		37.704696 ° -121.158915 °	37.704631 ° -121.158983 °	14
7	0.46	0.47	Earthen Levee	Vegetation	LS M	Control annual grass and weeds on the levee slopes and easements.		37.704695 ° -121.158915 °	37.704630 ° -121.158984 °	8 Y
8	0.47	0.50	Supplemental	DWR Erosion Survey	WS M	Inspector Comments: 10/19/2010: No significant changes observed on site. Sloughing of the bank is occurring adjacent to an irrigation outlet structure. There is moderate to heavy vegetation along the bank that is well established. Broken chunks and slabs of concrete are used as rip rap and line the outside of the irrigation outlet structure. However, much of the rip rap along the slope is sloughing and could possibly lead to future slope instability. 08/05/2010: Recommended as a local maintenance issue, per CLRO. [2010 SiteID: RD2031U01RM0.48]		37.704740 ° -121.159140 °	37.704740 ° -121.159140 °	1 Y
9	0.52	0.52	Earthen Levee	Vegetation	WS M	Remove the wild growth other than native grasses from the levee slopes.		37.704050 ° -121.159578 °	37.704050 ° -121.159578 °	2
10	0.55	0.65	Earthen Levee	Encroachments	LS CO	Buildings	Inspector Comments: Corrals and house on levee slope and crown.	37.703626 ° -121.159714 °	37.702648 ° -121.160700 °	969 Y
11	0.64	0.71	Earthen Levee	Encroachments	LS PO	Fences		37.702814 ° -121.160562 °	37.701875 ° -121.161670 °	4
12	0.64	0.64	Earthen Levee	Crown Surface / Depressions / Rutting	CR M	Regrade the crown roadway for proper drainage.		37.702766 ° -121.160598 °	37.702766 ° -121.160598 °	970
13	0.75	0.78	Earthen Levee	Encroachments	LS PO	Agricultural Ditch		37.701566 ° -121.161852 °	37.701178 ° -121.162086 °	972

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2031 Elliot

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Stanislaus River						Left	7.15	05/10/2011 05/10/2011	Jim Eto

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
14	0.81	0.81	Earthen Levee	Encroachments	LS	M	Pipe Inspector Comments: PVC pipe present and obstructing drain pipe.	37.700799 ° -121.162418 °	37.700799 ° -121.162418 °	20 Y
15	0.81	0.96	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	37.700802 ° -121.162423 °	37.699630 ° -121.164432 °	22 Y
16	0.81	0.98	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	37.700802 ° -121.162423 °	37.699521 ° -121.164894 °	35
17	0.89	0.89	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	37.699980 ° -121.163368 °	37.699980 ° -121.163368 °	6
18	1.05	1.05	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	37.699167 ° -121.166042 °	37.699167 ° -121.166042 °	9
19	1.17	1.17	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Tall weeds around risers obstructs visibility.	37.698843 ° -121.168129 °	37.698843 ° -121.168129 °	10
20	1.27	1.27	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Irrigation intake pipe.	37.699536 ° -121.169924 °	37.699536 ° -121.169924 °	11 Y
21	1.27	1.27	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Improvements made.	37.699534 ° -121.169922 °	37.699534 ° -121.169922 °	977 Y
22	1.64	1.64	Earthen Levee	Encroachments	LS	C	Tree or limb Inspector Comments: Almond tree on levee slope.	37.698308 ° -121.175206 °	37.698308 ° -121.175206 °	12
23	1.73	1.73	Earthen Levee	Encroachments	LS	C	Tree or limb	37.697619 ° -121.176694 °	37.697619 ° -121.176694 °	13
24	2.35	2.35	Earthen Levee	Encroachments	LS	PO	Crops Inspector Comments: Turnouts for this field at levee slope.	37.689221 ° -121.178980 °	37.689221 ° -121.178980 °	16
25	2.47	2.47	Earthen Levee	Encroachments	WS	W	Pipe	37.687953 ° -121.180244 °	37.687953 ° -121.180244 °	15
26	3.11	3.11	Earthen Levee	Encroachments	WS	W	Pipe	37.688296 ° -121.190890 °	37.688296 ° -121.190890 °	21
27	3.29	3.29	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Irrigation intake	37.690556 ° -121.192451 °	37.690556 ° -121.192451 °	17
28	3.55	3.55	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Drain to channel	37.690864 ° -121.195990 °	37.690864 ° -121.195990 °	24
29	3.64	3.64	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Irrigation intake.	37.690280 ° -121.197447 °	37.690280 ° -121.197447 °	28

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2031 Elliot

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Stanislaus River							Left	7.15	05/10/2011 05/10/2011	Jim Eto
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
30	3.68	7.15	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: This area is designated wildlife habitat. Wildlife Habitat ends at Faith Ranch.	37.689853 ° -121.198746 °	37.661765 ° -121.233026 °	36
31	3.68	7.15	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Beginning of vegetation issue is within designated wildlife habitat. Wildlife habitat ends at Faith Ranch.	37.689974 ° -121.198459 °	37.661765 ° -121.233026 °	37
32	3.71	3.71	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Irrigation intake on waterside berm.	37.689783 ° -121.198562 °	37.689783 ° -121.198562 °	29
33	3.72	3.72	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Irrigation intake	37.689742 ° -121.198695 °	37.689742 ° -121.198695 °	19 Y
34	3.73	3.73	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.689716 ° -121.198811 °	37.689716 ° -121.198811 °	30
35	4.03	4.03	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Drainage outlet	37.690937 ° -121.203319 °	37.690937 ° -121.203319 °	31
36	4.39	4.43	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.686971 ° -121.207385 °	37.686585 ° -121.207802 °	32 Y
37	4.45	4.45	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Two irrigation intakes	37.686376 ° -121.207935 °	37.686376 ° -121.207935 °	23
38	4.60	4.80	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Poplars and other landscaping at levee toe.	37.684474 ° -121.208447 °	37.682167 ° -121.209098 °	982
39	5.35	5.35	Earthen Levee	Encroachments	WS	PO	Landscaping Inspector Comments: Wild rose	37.678363 ° -121.217375 °	37.678363 ° -121.217375 °	25
40	5.41	5.41	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Wild Rose Bushes	37.677641 ° -121.217499 °	37.677641 ° -121.217499 °	983
41	5.68	5.68	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Mostly Willow	37.673718 ° -121.217609 °	37.673718 ° -121.217609 °	984
42	5.72	5.72	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Wild Rose bushes	37.673158 ° -121.217766 °	37.673158 ° -121.217766 °	985
43	5.94	5.94	Earthen Levee	Encroachments	LS	W	Pipe Inspector Comments: MID installation	37.670341 ° -121.219224 °	37.670341 ° -121.219224 °	26
44	6.54	6.54	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Tall vegetation on landside toe and slope. Limited access due to fence and soft levee material.	37.667266 ° -121.228441 °	37.667266 ° -121.228441 °	33

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2031 Elliot

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Stanislaus River	Left	7.15	05/10/2011 05/10/2011	Jim Eto

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.07
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Fall 2009 photo looking upstream at beginning of unit 1. Water side to the left.

jeto_s_20110301_102.jpg



Levee Mile Report Line	4
Start Levee Mile	0.35
End Levee Mile	0.46
Location	Water Side
Category	Earthen Levee
Item	Encroachments

05/10/2011 Fence on waterside prevents access to waterside slope.

jeto_s_20110510_467.jpg



Levee Mile Report Line	7
Start Levee Mile	0.46
End Levee Mile	0.47
Location	Land Side
Category	Earthen Levee
Item	Vegetation

05/10/2011 Vegetation on landside prevents visibility of landside slope and toe.

jeto_s_20110510_468.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2031 Elliot

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Stanislaus River	Left	7.15	05/10/2011 05/10/2011	Jim Eto

Levee Mile Report Line	8
Start Levee Mile	0.47
End Levee Mile	0.50
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking downstream of the site. Note the irrigation outlet is operational.	
jeto_s_20110301_095.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.47
End Levee Mile	0.50
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking downstream of the site.	
jeto_s_20110301_096.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.47
End Levee Mile	0.50
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
View of the current condition of the levee slope just above the irrigation outlet.	
jeto_s_20110301_097.jpg	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2031 Elliot

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Stanislaus River	Left	7.15	05/10/2011 05/10/2011	Jim Eto

Levee Mile Report Line	8
Start Levee Mile	0.47
End Levee Mile	0.50
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Upstream view of the site.

jeto_s_20110301_098.jpg



Levee Mile Report Line	8
Start Levee Mile	0.47
End Levee Mile	0.50
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

05-10-21011 Updated view of erosion site, does not appear to be any change in conditions.

jeto_s_20110510_466.jpg



Levee Mile Report Line	10
Start Levee Mile	0.55
End Levee Mile	0.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Fall 2009 photo of livestock pens and house on landside slope.

jeto_s_20110301_103.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2031 Elliot

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Stanislaus River	Left	7.15	05/10/2011 05/10/2011	Jim Eto

Levee Mile Report Line	14
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Land Side
Category	Earthen Levee
Item	Encroachments

05/10/2011 PVC pipe pieces are obstructing opening to drain pipe.

jeto_s_20110510_469.jpg



Levee Mile Report Line	15
Start Levee Mile	0.81
End Levee Mile	0.96
Location	Land Side
Category	Earthen Levee
Item	Vegetation

05/10/2011 Photo shows uncontrolled vegetation on both land and waterside of levee.

jeto_s_20110510_470.jpg



Levee Mile Report Line	20
Start Levee Mile	1.27
End Levee Mile	1.27
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Irrigation intake pump and pipe.

jeto_s_20110301_099.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2031 Elliot

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Stanislaus River	Left	7.15	05/10/2011 05/10/2011	Jim Eto

Levee Mile Report Line	21
Start Levee Mile	1.27
End Levee Mile	1.27
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Vegetation on waterside slope and crown.

jeto_s_20110301_104.jpg



Levee Mile Report Line	33
Start Levee Mile	3.72
End Levee Mile	3.72
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Irrigation intake on waterside berm.

jeto_s_20110301_100.jpg



Levee Mile Report Line	36
Start Levee Mile	4.39
End Levee Mile	4.43
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Obstructive vegetation on levee slope and within 10' of levee toe.

jeto_s_20110301_101.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 2031 Elliot

Waterway	Bank	Unit Miles
Unit No. 02 San Joaquin River	Right	6.04

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/10/2011 - 5/10/2011			
DWR Inspector	Jim Eto			
Accompanied By	Mr. Bob Buckmaster RD 2031			
	Billy Lyons			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2031 Elliot

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River							Right	6.04	05/10/2011 05/10/2011	Jim Eto
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	1.90	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation needs to be controlled from LM 0.00 to LM 1.90 (Hwy 132)	37.661765 ° -121.233026 °	37.642055 ° -121.223505 °	10
2	0.01	1.90	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation needs to be controlled from LM 0.01 to LM 1.90 (Hwy 132)	37.661668 ° -121.233159 °	37.642055 ° -121.223505 °	11
3	0.22	0.22	Earthen Levee	Encroachments	LS	W	Pipe	37.658843 ° -121.234271 °	37.658843 ° -121.234271 °	3 Y
4	0.88	1.09	Earthen Levee	Seepage / Sandboils	LS	U	Inspector Comments: seepage site observed	37.653208 ° -121.227438 °	37.652044 ° -121.223991 °	2 Y
5	1.36	1.36	Earthen Levee	Encroachments	LS	CO	Buildings	37.648898 ° -121.221621 °	37.648898 ° -121.221621 °	4 Y
6	1.45	1.45	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Wild Rose Bush on landside slope.	37.647708 ° -121.220873 °	37.647708 ° -121.220873 °	965 Y
7	1.66	1.90	Earthen Levee	Seepage / Sandboils	LS	U	Inspector Comments: Seepage depth to several feet.	37.644813 ° -121.220698 °	37.642056 ° -121.223507 °	8 Y
8	3.00	3.60	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level. Inspector Comments: Obstructive trees and vegetation along highway are on the landside slope of the levee.	37.637626 ° -121.207191 °	37.638301 ° -121.196465 °	966
9	3.89	3.89	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Tall grass at toe should be removed for visibility.	37.637715 ° -121.191516 °	37.637715 ° -121.191516 °	967
10	4.23	4.23	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Burows are already marked to take corrective action. Several burrows in this area.	37.632974 ° -121.190745 °	37.632974 ° -121.190745 °	9
11	4.33	4.37	Supplemental	DWR Erosion Survey	WS	W	Inspector Comments: 10/19/2010: There is active scouring occurring on the bank due to the nature of the flow and the lack of armor protection. There is also a fallen log immediately downstream of where the erosion has occurred and is protruding outward, possibly creating an eddy and scouring the bank. With the remaining 100-foot wide berm, the levee prism is not yet affected. However, the bank will continue to degrade, and eventually intrude into the levee prism if no protection is put in place. Erosion site is recommended for annual assessment and monitoring during flood events.[2010 SiteID: RD2031U02RM78.7]	37.631716 ° -121.189370 °	37.631716 ° -121.189370 °	1 Y

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2031 Elliot

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	6.04	05/10/2011 05/10/2011	Jim Eto

Levee Mile Report Line	3
Start Levee Mile	0.22
End Levee Mile	0.22
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Drainage discharge pumps and housing on steep waterside slope.

jeto_s_20110301_109.jpg



Levee Mile Report Line	4
Start Levee Mile	0.88
End Levee Mile	1.09
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

05/10/2011 Seepage site shown, standing water in field.

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Levee Mile Report Line	5
Start Levee Mile	1.36
End Levee Mile	1.36
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Small structure on levee slope.

jeto_s_20110301_110.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2031 Elliot

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	6.04	05/10/2011 05/10/2011	Jim Eto

Levee Mile Report Line	6
Start Levee Mile	1.45
End Levee Mile	1.45
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Wild rose on levee slope.

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Levee Mile Report Line	7
Start Levee Mile	1.66
End Levee Mile	1.90
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

05/10/2011 Seepage area shown, water to depths of several feet.

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Levee Mile Report Line	11
Start Levee Mile	4.33
End Levee Mile	4.37
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

From the berm looking upstream. Note the perpendicular approach of incoming flow onto the bank.

jeto_s_20110301_105.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 2031 Elliot

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River	Right	6.04	05/10/2011 05/10/2011	Jim Eto

Levee Mile Report Line	11
Start Levee Mile	4.33
End Levee Mile	4.37
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Upstream view of adjacent bank affected by erosion.

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Levee Mile Report Line	11
Start Levee Mile	4.33
End Levee Mile	4.37
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Upstream view of scouring.

jeto_s_20110301_107.jpg



Levee Mile Report Line	11
Start Levee Mile	4.33
End Levee Mile	4.37
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

jeto_s_20110301_108.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

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N : Not Inspected/Rated

C : Corrected
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